

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	1081088
<b>Application Number:</b>	09988937
<b>Confirmation Number:</b>	9361
<b>Title of Invention:</b>	Adaptive subcarrier loading
<b>First Named Inventor:</b>	Ralf Bohnke
<b>Customer Number:</b>	20999
<b>Filer:</b>	Marvin Jay Spivak/Deanna Thomas
<b>Filer Authorized By:</b>	Marvin Jay Spivak
<b>Attorney Docket Number:</b>	450117-03690
<b>Receipt Date:</b>	16-JUN-2006
<b>Filing Date:</b>	19-NOV-2001
<b>Time Stamp:</b>	09:46:56
<b>Application Type:</b>	Utility
<b>International Application Number:</b>	

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)	Multi Part	Pages
1		282663USPOA.pdf	1888300	yes	31

Multipart Description			
Doc Desc		Start	End
Power of Attorney (may include Associate POA)		1	1
Assignee showing of ownership per 37 CFR 3.73(b).		2	2
Assignee showing of ownership per 37 CFR 3.73(b).		3	3
Assignee showing of ownership per 37 CFR 3.73(b).		4	31

**Warnings:**

**Information:**

<b>Total Files Size (in bytes):</b>	1888300
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**This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.**

**New Applications Under 35 U.S.C. 111**  
**If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.**

**National Stage of an International Application under 35 U.S.C. 371**  
**If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.**